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PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

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TRANSMITTAL FORM

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Alexandria, VA 22313-1450 on the date shown below.

Total Number of Pages in This Submission

Application Number	10/801,933	
Filing Date	March 16, 2004	
First Named Inventor	Akiyoshi AOYAGI	
Art Unit	2826	
Examiner Name	Ben P. Sandvik	
Attorney Docket Number	9319S-000670	

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ENCLOSURES (check all that apply)						
Fee Transmittal F	Form	☐ Drawing(s)			Allowance Communication to nology Center (TC)	
Fee Attached	i	Licensing-r	elated Papers		eal Communication to Board of eals and Interferences	
Amendment / Reply		Petition			eal Communication to TC eal Notice, Brief,	
After Final			Convert to a Application	☐ Prop	rietary Information	
Affidavits/dec	claration(s)		ttorney, Revocation Correspondence Address	☐ Statu	us Letter	
Extension of Time	e Request	Terminal D	isclaimer		er Enclosure(s) se identify below):	
Express Abandonment Request		Request for Refund CD, Number of CD(s)			Form 1449; Acknowledgement Postcard	
Information Disclosure Statement						
Certified Copy of Priority Document(s)		Remarks The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 50-3213 (Epson R & D). A duplicate copy of this sheet is enclosed.				
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Response to Parts under 3 1.52 or 1.53						
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT						
Firm <i>or</i> Individual name	or Harness, Dickey & Pierce, P.L.		Attorney Name G. Gregory Schivley Bryant E. Wade		Reg. No. 27,382 40,344	
Signature	Control of section					
Date	July 28, 2005					
CERTIFICATE OF TRANSMISSION/MAILING						

Typed or printed name

G. Gregory Schivley Bryant E Wade

Signature

Date

July 28, 2005

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450,

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

180

TOTAL AMOUNT OF PAYMENT

Signature

	Complete if Known			
Application Number	10/801,933			
Filing Date	March 16, 2004	,		
First Named Inventor	Akiyoshi AOYAGI			
Examiner Name	Ben P. Sandvik			
Art Unit	2826			
Attorney Docket No.	93198-000670			

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Splication No.: -

10/801,933

Filing Date:

March 16, 2004

Applicant:

Akiyoshi AOYAGI

Group Art Unit:

2826

Examiner:

Ben P. Sandvik

Title:

SEMICONDUCTOR DEVICE, ELECTRONIC DEVICE,

ELECTRONIC APPARATUS, METHOD OF

MANUFACTURING SEMICONDUCTOR DEVICE, AND METHOD OF MANUFACTURING ELECTRONIC DEVICE

Attorney Docket:

9319S-000670

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. <u>LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION</u>

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

II. COPIES

A. Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed, other than U.S. patents and U.S. patent application publications unless required by the Office; (iii) each unpublished U.S. application listed below in Section IV (i.e., including the specification, claims, and any drawing of the application, or that portion of the application which caused it to be listed, including any claims directed to that portion), except for such applications filed on or after June 30, 2003, pursuant to the Waiver of the Copy Requirement in 37 C.F.R. 1.98 (OG Notice dated October 19, 2004); and (iv) all other information or that portion which caused it to be listed.

	1449 or on the copies previously cited by	of PTO-892, but which a or submitted to the	mation which are listed on Form are not enclosed herewith, were PTO in one of the following an earlier filing date under 35
	U.S. Serial N	lumber	U.S. Filing Date
	United States. A cop Examiner's information report are listed on the and for listing on any Search report was fro these references should	by of the International Secon. The documents list e attached Form 1449 for patent resulting from this om the US, EPO, or JP ald have been supplied to	y of the National Phase in the earch Report is attached for the ed on the International Search or consideration by the Examiner application. If the International PO search authorities, copies of the USPTO under the trilateral of the above-identified application
III.	CONCISE EXPLANA	TION OF THE RELEVAN	NCE (check <u>at least</u> one box)
	A. Except as may or other information required).	be indicated below in (B are in the English lang	s), all of the patents, publications guage (concise explanation not
		ed that is not in the Engl	e of each patent, publication or lish language is as follows (see
		attached foreign patent	t office communication from a
	2. ☐ English t Form HDP-149		d: as indicated on the attached
	3. Cother:		
	C. The following consideration.	additional information i	s provided for the Examiner's
IV.	CROSS REFERENCE	TO RELATED APPLIC	ATION(S)
	contain(s) subject ma bringing this(these) a	tter that may be related	owing co-pending application(s) to the present application. By aminer's attention, Applicant(s) ans of 35 U.S.C. § 122.
	Serial No.	Filing Date	Art Unit

/ .	THIS IDS IS BEING FILED UNDER
	A.
	1. within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required.
	2. within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.
	3. before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
	4. Defore the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.
	B. 37 C.F.R. § 1.97(c): (check <u>only</u> one box)
	before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.
	1. \boxtimes No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
	2. See the certification below. No fee is required.
	C. 37 C.F.R. § 1.97(d):
	after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.
	1. See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
/ 1.	CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)
	The undersigned hereby certifies that:
	A. — each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application

not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F.R. 1.704(d) below in section VII, if applicable; or B. no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)). C. some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS. STATEMENT UNDER 37 C.F.R. 1.704(d) The undersigned hereby states that: each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS. PAYMENT OF FEES (check only one box) A. A check in the amount of \$180.00 is enclosed for the above identified fee. B. Please charge Deposit Account No. 50-3213 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached. The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which

anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 50-3213.

VII.

VIII.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 50-3213.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 50-3213.

Respectfully submitted,

Dated: July 28, 2005

G. Gregory Schivley Reg. No. 27,382 Bryant E. Wade Reg. No. 40,344

Harness, Dickey & Pierce, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 (248) 641-1600

GGS/BEW/jmz



RM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET No.	SERIAL NO.
9319S-000670	10/801,933
APPLICANT	
Akiyoshi AOYAGI	
FILING DATE	GROUP
March 16, 2004	2826

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		6,882,232	4/2005	Harima, Hidenori		
2.		6,781,241	8/2004	Nishimura, et al.		
3.		6,774,467	8/2004	Horiuchi, et al.		
4.		2004/0135243	7/2004	Aoyagi, Akiyoshi		
5.		6,586,832	7/2003	Shibata, et al.		
6.		6,507,098	1/2003	Lo, et al.		
7.		2003/0022465	1/2003	Wachtler, Kurt P.		
8.		6,461,881	10/2002	Farnworth, et al.		
9.		6,442,026	8/2002	Yamaoka, Yoji		
10.		6,404,049	6/2002	Shibamoto, et al.		
11.		6,369,444	4/2002	Degani, et al.		
12.		6,239,383	5/2001	Lin, Patrick		
13.		6,122,171	9/2000	Akram, et al.		
14.		5,973,392	10/1999	Senba, et al.		
15.		5,834,848	11/1998	Iwasaki, Ken		
16.		5,120,678	6/1992	Moore, et al.		
17.						
18.						

FORE	IGN PATEN	IT DOCUMENTS				*	
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translati Yes	on * No
1.							

Examiner:	Date Considered: